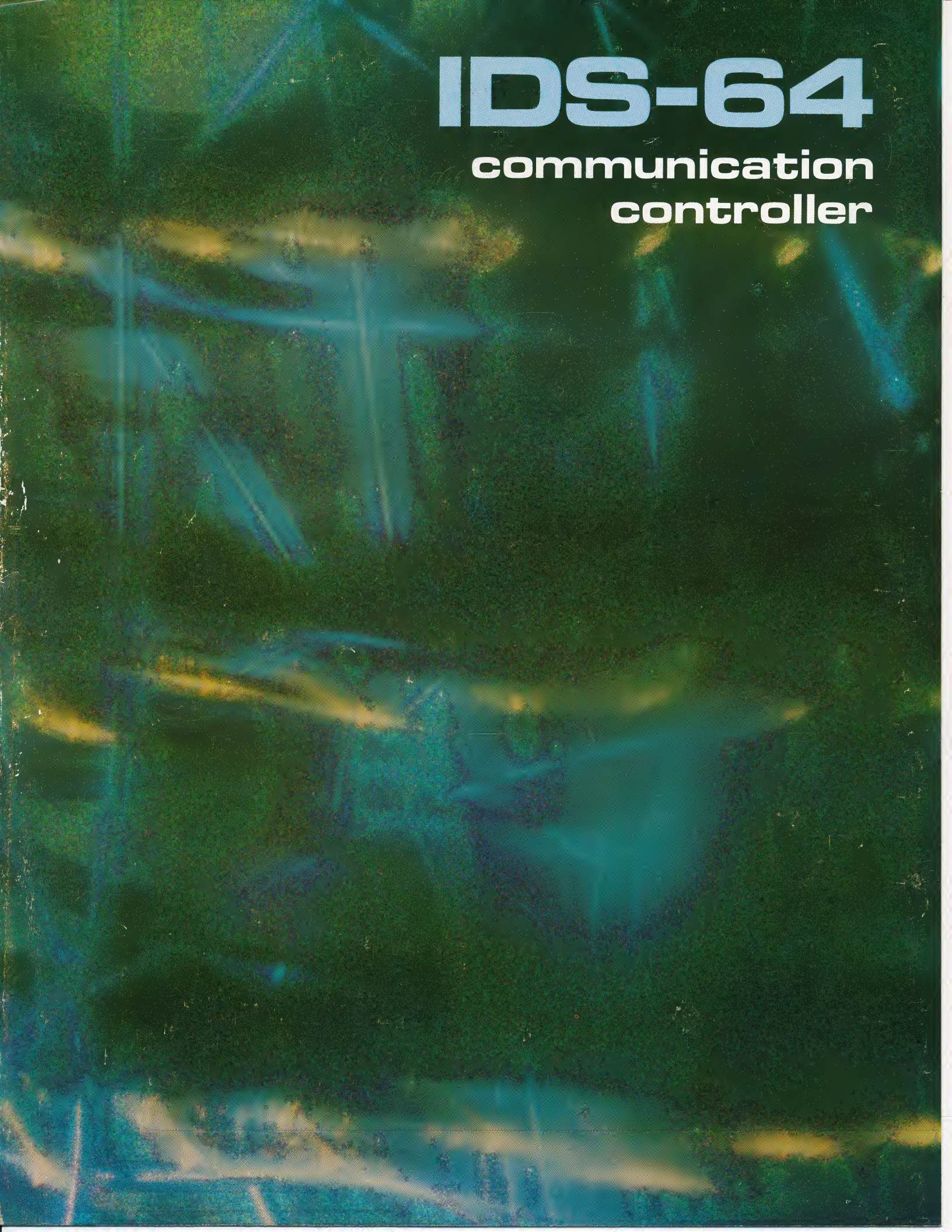


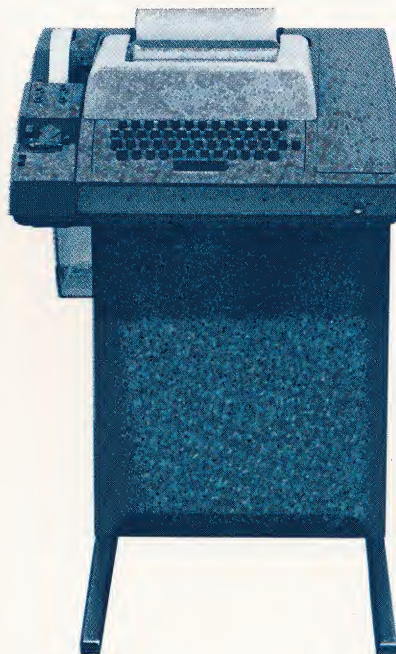
The background of the entire page is an abstract, textured image. It features a dark green base color with numerous bright blue and yellowish-green light streaks and patterns that resemble fiber optic cables or data transmission paths. These patterns are scattered across the page, creating a sense of dynamic movement and technological complexity.

IDS-64

**communication
controller**

features

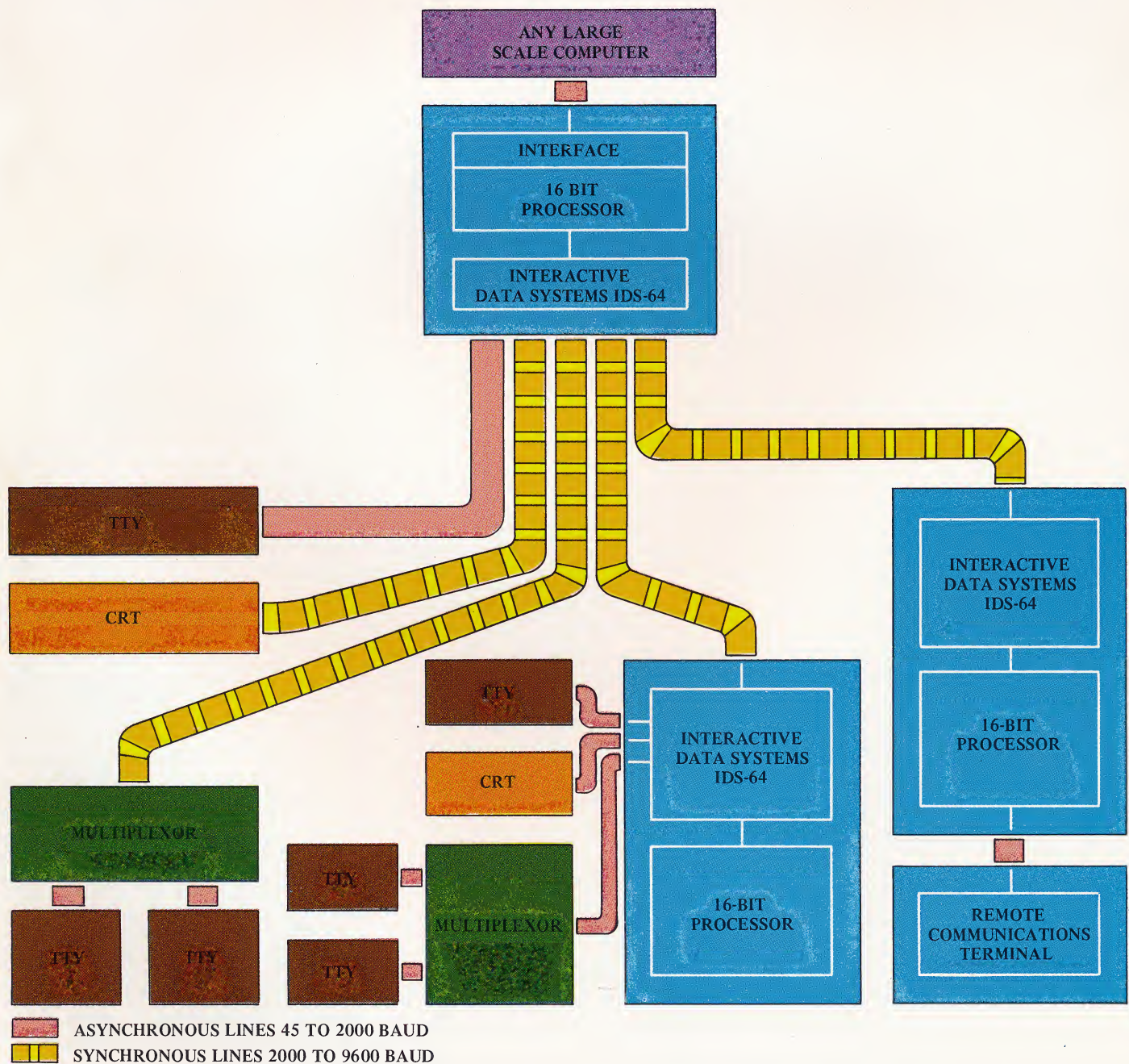
- Controls up to 64 lines.
- Asynchronous communications at 45 to 2000 bits per second.
- Synchronous communication at 2000 to 9600 bits per second.
- Asynchronous lines are double character buffered.
- Synchronous lines are double character buffered.
- Handles local terminals through VCA interfaces and remote terminals through EIA RS-232 lines.
- Each controller is expandable from 2 to 64 asynchronous or synchronous lines, in groups of 2.
- Handles all common terminal speeds.
- Full data set control.
- Requires a minimum of processor time. Less than 15% of available processor time is required to handle 64 – 150 baud lines, all operating simultaneously in full duplex mode.
- Echo-plexing.
- Up to four software selectable baud rates.
- Checks parity.
- Automatic calling unit interface.
- Dual processor interface.



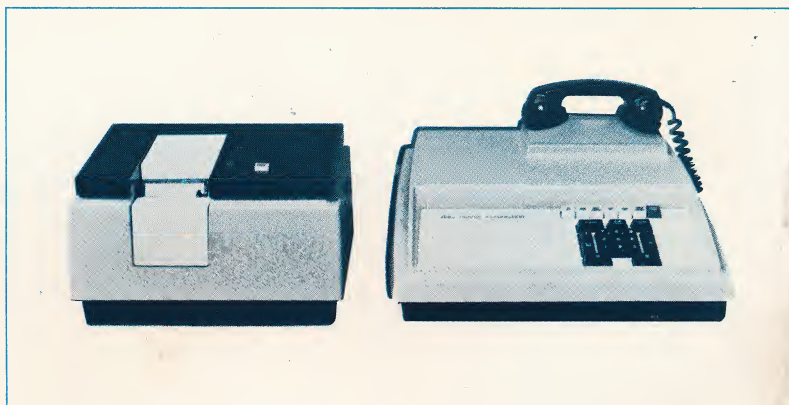
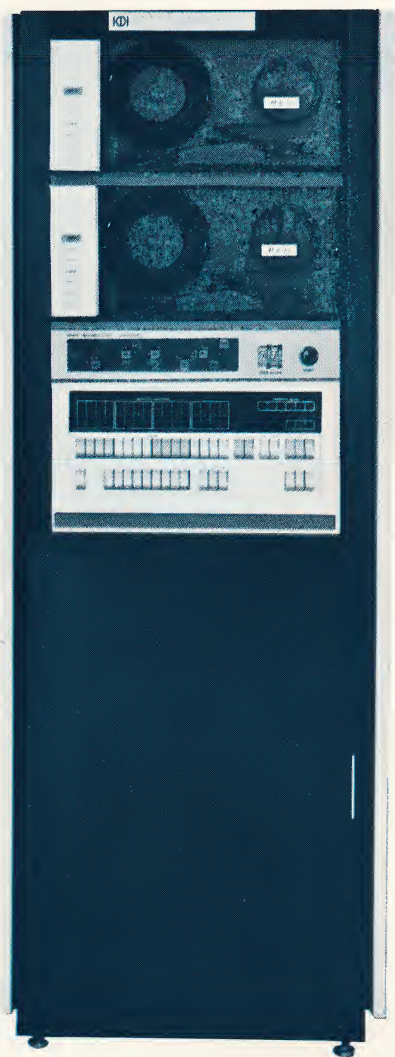
description

The Interactive Data Systems IDS 64 communications subsystem is a multichannel system consisting of a controller and line adapter units handling up to 64 lines and interfaces with data sets or local terminals. It also interfaces with a 16-bit processor to provide a complete communication system for various applications, such as:

- Front-End Communications Processor
- Remote Data Concentrator
- Remote Communications Terminal
- Store and Forward
- Message Switching



communication controller



INTERACTIVE DATA SYSTEMS

17785 Sky Park Circle, Box AO, Irvine, California 92664
Telephone 714 557 6660